

Comparisons of Job Characteristics

Focus Occupation: [Patternmakers, Wood \(51-7032\)](#)

Associated Occupation: [Cabinetmakers and Bench Carpenters \(51-7011\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 94

Focus Occupation: Patternmakers, Wood (51-7032)

Associated Occupation: Cabinetmakers and Bench Carpenters (51-7011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Mechanical	6.8	11.3	14.5	>> Current knowledge level is likely more than sufficient
Design	5.2	11.1	12.6	> Current knowledge level is likely sufficient
Production and Processing	6.0	11.0	10.1	0 Current knowledge level may be sufficient
Building and Construction	4.0	7.0	7.7	0 Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 76

Focus Occupation: Patternmakers, Wood (51-7032)

Associated Occupation: Cabinetmakers and Bench Carpenters (51-7011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation Monitoring	6.6	10.8	8.6	< A higher skill level may be required
Quality Control Analysis	5.9	10.3	8.1	< A higher skill level may be required
Equipment Selection	3.3	9.5	6.6	<< Extensive development of skills in this area may be required
Operation and Control	5.4	9.5	9.5	0 Current skill level may be sufficient
Troubleshooting	4.5	9.0	5.8	<< Extensive development of skills in this area may be required
Operations Analysis	5.0	8.5	8.9	0 Current skill level may be sufficient
Equipment Maintenance	3.5	8.3	6.1	<< Extensive development of skills in this area may be required
Repairing	3.4	8.0	5.8	<< Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 89			
Focus Occupation: Patternmakers, Wood (51-7032) Associated Occupation: Cabinetmakers and Bench Carpenters (51-7011)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Finger Dexterity	7.6	14.0	10.5	<<	Extensive improvement in abilities may be required
Manual Dexterity	6.5	13.6	13.0	0	Current ability level may be sufficient
Arm-Hand Steadiness	6.8	13.1	13.0	0	Current ability level may be sufficient
Reaction Time	4.8	12.6	11.8	0	Current ability level may be sufficient
Control Precision	6.6	12.5	12.6	0	Current ability level may be sufficient
Static Strength	5.0	11.1	7.9	<<	Extensive improvement in abilities may be required
Trunk Strength	5.7	11.1	7.4	<<	Extensive improvement in abilities may be required
Rate Control	3.8	9.7	6.9	<<	Extensive improvement in abilities may be required
Dynamic Strength	3.5	8.4	5.3	<<	Extensive improvement in abilities may be required
Speed of Limb Movement	3.2	8.3	7.5	<	Some improvement in abilities may be required
Wrist-Finger Speed	3.2	7.6	7.3	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 99
Focus Occupation: Patternmakers, Wood (51-7032) Associated Occupation: Cabinetmakers and Bench Carpenters (51-7011)		
Work Activities	Exclusivity of Activity	
Adjust production equipment/machinery setup	25	
Examine products or work to verify conformance to specifications	15	
Fabricate, assemble, or disassemble manufactured products by hand	11	
Lay out woodworking projects	89	
Measure and mark reference points or cutting lines on workpieces	66	
Monitor production machinery/equipment operation to detect problems	27	
Operate woodworking equipment/machinery	77	
Perform safety inspections in manufacturing or industrial setting	33	
Prepare building surfaces for paint, finishes, wallpaper, or adhesives	72	
Read blueprints	10	

Read specifications	23
Read technical drawings	7
Set up computer numerical control machines	69
Set up production equipment or machinery	51
Understand machine setup instructions	74
Understand technical operating, service or repair manuals	6
Use hand or power tools	2
Use hand or power woodworking tools	65
Use precision measuring tools or equipment	17

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Patternmakers, Wood (51-7032)

Associated Occupation: Cabinetmakers and Bench Carpenters (51-7011)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.